TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

# HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

**RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.**

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing five pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

**ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.**

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a span of from 8 to 18 feet, at a price not exceeding weight for weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses no scorching occurs; its MONTRASPARENCY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 8 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

# GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

## HARTLEY'S PATENT QUARRY GLASS,

of three thicknesses, in long lengths: an economical substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

**JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.**

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**GLASS for CHURCHES, CHAPELS,** SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS.

The above beautiful description of Glass is an adaptation of HARTLEY'S Patent Rough Plate Glass, with a diamond or quarry pattern; thus avoiding the use of window lead entirely. Being in single plates, it is imperious to rain, and causes perfect freedom from draughts, which, coupled with its thickness, tends to create a uniformity of temperature within the building. Attention is also directed to its durability, nontransparency, and cost; for, although three times the thickness of crown glass, the one-eighth thick costs less than common lead lights; we can, therefore, with confidence recommend it as an economical, useful and beautiful article for the glazing of churches, chapels, schools, &c., &c.

Also

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs., and 1-4th, or, 4 lbs. to the foot for Ridge and Furrow Roofs, Greenhouses, Railway Stations, Engine Sheds, Mills, Market-Halls, and Public Buildings generally. Prices may be had and samples seen at JAMES PHILLIPS and CO.'S 116, Bishopsgate-street Without.

**SASH GLAZING.—A. ADAMSON,** 30, Davies-street, Berkeley-square, begs to acquaint Builders and the Trade, he is Glazing Sashes with CROWN or SHEET GLASS, at 14d. per foot sup. Every description of Glass cut to size and in crates, may be had at the very lowest remunerative prices. Ornamental and Stained Glass in every variety.—Terms Cash.

TO BUILDERS, &c.

**ORNAMENTAL GLASS,** commencing at the following low prices:—White embossed, 1s. per foot, super.; ditto border, 6d. per foot run; blue border, 2s. 6d.; ruby, 2s.; orange, 1s. 9d.; lemon, 1s. 6d. per foot run. Painted and Stained Glass at charges equally moderate, by S. J. NEWSHAM, 1, Hereford-street, Oxford-street, Hyde-park.

**CHEAP ORNAMENTAL GLASS.—I beg** to inform my friends and the public, that I have now completed a new MACHINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

**E. and W. H. JACKSON** beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for glazing, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows either for home or church decoration. All applications for estimates and list of prices to be made at their warehouse, 113, OXFORD-STREET.

**SOHO GLASS WAREHOUSE, 26, SOHO** SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to forward contracts for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the finest colour and finish; PATENT PLATE GLASS; ORNAMENTAL GLASS, of all descriptions; COLOURED GLASS; ROUGH PLATE GLASS, 1-8, 3-16, and ¼ inch thick; PATENT ROLLED ROUGH PLATE, 1-8, 3-16, and ¼ inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, cut to size and glazed, or in crates, as manufactured; BELGIAN SHEET GLASS, in cases containing 200 feet each case included, at 21 in per case.

**THOMAS MILLINGTON** begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick. Glass Paintings, Glass, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Leads, Lead Pipe from ¼ inch to 4½ inches bore; Solder. Water closets, Basins, Plumbers' and Brass Work of every description, and upon the very lowest terms. Glass Ornament Shades. Milk pans, Preparating and Bee Glasses.—Address, 67, Bishopsgate-street Without.

See Advertisement, Saturday, June 28, 1851.

**CHEAP WINDOW GLASS, &c.**—Builders, Painters, and Glaziers can be supplied with Glass, Milled Lead, and Pipe, at extraordinary low prices at NEWINGS' Glass and Lead Warehouse, 128, Union-street, Borough, Southwark.

| | | |
|---|---|---|
| OCC Crown Glass, per crate, 16 tables | | 27s. 0d. |
| CC ditto | ditto | 22s. 0d. |
| Warranted good cutting glass | | |
| Crown Glass cut to order | 9½d. and 9½d. | per foot. |
| Sheet ditto | 9½d. | " |
| Glass in Squares, in 100 feet boxes | 8d. | " |
| Sashes primed and glazed with good Crown Glass measured from putty to putty | 9½d. | " |
| Sheet Lead, cut out | 19s. 0d. | per cwt. |
| Lead Pipe | 19s. 0d. | " |

Old Lead bought, or taken in exchange.

**GREAT EXHIBITION,** Class 1, No. 196.

GREENS REGISTERED WINDGUARD,

is the cheapest and most effective article for the cure of SMOKY CHIMNEYS caused by the wind, and the only one that can be cleansed with the common machine in the ordinary sweeping of the chimney. Price, according to size, from 4s. to 7s. 6d. Apply to ISAAC GREEN, 3, Victoria-place, Duke's-road, St. Pancras Church, Euston-square, London. N.B. A month's trial allowed; if not successful, money returned.

**LIGHTERAGE.—To Saw-Mill Proprietors,** Timber, Slate, and Stone Merchants, or others, requiring Lighterage.—The Advertiser having a large number of Barges, is willing to undertake LIGHTERAGE at prices that defy competition.—CHARLES STRUTTON, 34, Commercial-road, Lambeth.

**TARPAULINS for COVERING ROOFS** during Repairs, SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Marquees and Temporary Awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 114, Fore Street, City, Manufacturer, by Appointment to Her Majesty's Honourable Board of Ordnance.

CHEAP, LIGHT, AND DURABLE ROOFING.

**CROGGON'S PATENT ASPHALTE ROOFING FELT** has been extensively used and pronounced efficient, and particularly applicable for warm climates.

1st. It is a non-conductor.—2nd. It is portable, being packed in rolls and not liable to damage in carriage.—3rd. It effects a saving of half the timber usually required.—4th. It can be easily applied by any unpracticed person.—5th. From its lightness, weighing only about 42 lbs. to the square of 100 feet, the cost of carriage is small.—6th. Under slate, metal, or tiles, it is a most effective non-conductor.

INODOROUS FELT, for damp walls and for damp floors, under carpets and floor cloths. Price ONE PENNY per Square Foot.

CROGGON and CO.'S PATENT FELTED SHEATHING, for Covering Ships' Bottoms, &c., and DRY HAIR FELT, for Covering Steam Boilers, Pipes, &c., preventing the radiation of Heat, saving 25 per cent. of Fuel, and deadening Sound.

Samples, testimonials, and full instructions, on application to CROGGON and CO., 2, DOWGATE-HILL, LONDON.

**STEPHEN GREEN and CO.'S IMPROVED DRAIN PIPES,** GLAZED INSIDE.—WORKS, IMPERIAL POTTERIES, PRINCES-STREET, LAMBETH.

Common shape Closet Pans, well glazed inside, 7s. 6d. each.

Extra, if fitted with the patent air-tight valve, by which the trap can be cleansed without removing the seat, 1s. 6d. each.

Various patterns of improved shapes always on hand.

Straight Tubes, Junctions, Bends, Curves, Elbows, Syphon-traps, Flap-traps, Urinals, Surface-sinks, and Increasing Pipes always kept stock.

Manufacturers of the PATENT SYPHON FLUSHING-BASIN, WITHOUT METAL SPREADER, WITH SELF-ACTING CLOSET CONNECTIONS. For illustrations, drawings and testimonials, see BUILDER, May 31, 1851.

**ARCHITECTS or BUILDERS requiring** ENRICHMENTS in COMPOSITION, CEMENT, or PLASTER, cannot have better executed work than that produced by WM. SMART, jun., of 18, CROWN-STREET, FINSBURY, who will be happy to give Estimates for work of any magnitude at a reduced scale of charges. Architects' designs modelled with precision, and generally truthfully carried out. Established in the family three-fourths of a century.

TO ARCHITECTS, BUILDERS, &c.

**ALL descriptions of TERRA COTTA,** CEMENT, and PLASTER CASTINGS, executed in a first-rate manner, on reasonable terms, by J. HERBERT and SON, Modellers, &c., 42, Parker-street, Drury-lane. A splendid assortment of Corinthian, Ionic, and other Capitals; Centre Flowers, Ballusters, Trusses, &c.; Elizabethan and other Chimney Shafts.

**ROMAN AND OTHER CEMENTS.** Manufactured by J. M. BLAKIFIELD, successor to the Patentees, PARKER and WYATT, who, in 1796, first introduced PARKER'S ROMAN CEMENT; also Tarras and Portland Cements, English and French Plaster, Terra Cotta Chimney Pots, Trusses, &c.

Manufactory, Mill Wall, Poplar; Depôts, Commercial-road, Lambeth, and Paddington-basin.

**ROMAN CEMENT and PLASTER of** PARIS WORKS.

THOS. FREEN and CO.

Manufacturers of ROMAN CEMENT, PLASTER of PARIS, and GROUND BLUE LIAS LIME.

TUSCANY WHARF, Regents Canal, Kingsland-road, LONDON.

DEPOTS—QUEEN'S WHARF, Great Cambridge-street, Hackney-road.

KINGS WHARF, New Wharf-road, Battle-bridge.

No. 5 WHARF, PADDINGTON.

N.B. LATHS, TILES, PAVING BRICKS, PLASTERERS' HAIR, ARTIFICIAL STONE, POTTERY WARE, &c. &c.

**PORTLAND CEMENT,** in Casks of Four Imperial Bushels. QUANTITY, NOT WEIGHT, BEING THE STANDARD.—CHAS. FRANCIS and SONS, Cement Works, Nine Elms, London.

**PORTLAND CEMENT.**—JAMES WESTON, having commenced manufacturing the above Cement, begs to inform the trade in general that he can supply them with any quantity they may require, either at his Works—Mill wall, Poplar; 81, Andrew's Wharf, Earl-street, Blackfriars; or Middle Scotland-yard, Westminster, Manufacturer of Roman, Lias, and Mastic Cements, French and English Plaster, &c.

**PORTLAND CEMENT.**—CHARLES RICHARDSON has the greatest confidence in introducing to the trade the above superior CEMENT, being of uniform colour and quality, a desideratum never before attained in Portland Cemented. It possesses extraordinary cementitious qualities, resists the action of frost and heat, and is more durable than any other Cement; does not vegetate, turn green, or crack, combined with which its eminent hydraulic properties stamp it at once as the first Cement of the day for work where all the above qualities are requisite. It is manufactured on the only principle Portland Cement can be, and contrary to the statements put forth by those who have hitherto had the monopoly. Manufactured by R. GREAVES, Esq., at his Works, near the River Avon, and sent to all parts of the kingdom per boat or rail, at a reduced price to the trade.

**BRICK BEAM at the EXHIBITION** BUILDING, Erected by J. B. WHITE and SONS, MILLBANK-STREET.—For diagram and description of this beam, constructed of Portland Cement and Hollow Bricks, broken down with a weight of 42 tons 15 cwt. 2 qrs. 21 lbs., 22nd September, 1851, in presence of the Jury of Class 27.—See *The Builder*, Sept. 27, No. 451; and *Times* and *Chronicle*, Sept. 23, "Exhibition Article."

**JOHN BAZLEY WHITE and SONS,** MILLBANK-STREET, Westminster,

Manufacturers of PORTLAND CEMENT of the best quality.

ATKINSON'S CEMENT, made from Whitby stone, supplied from the Mulgrave Estate; and ROMAN CEMENT, made of Sheppy and Harwich stone.

These cements are all used for external purposes, either for Brickwork or as Stucco.

For internal uses they Manufacture and Sell—

KEENE'S CEMENT;
PARIAN CEMENT;
FRENCH PLASTER;

The qualities of which are well known as quick-drying and hard finishes, that can be painted upon within a few days.

Warehouses in London—

Millbank-street, Westminster;
South Wharf Road, Paddington;
Earl-street, Blackfriars; and at
Seel-street, Liverpool.

**GEORGE and THOMAS EARLE,** CEMENT MANUFACTURERS, HULL.

Light and Dark equal to any made.

Also, Manufacturers of PLASTER, MASTIC, &c.

Importers of MARBLE and PUZZOLANA.

Dealers in Stone, Slate, Hair, Whiting, &c.

**PARIAN CEMENT** for internal use, to be PAINTED IN A FEW HOURS, AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

**PERMANENT STUCCO WASH,** WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.

As used at St. George's Hospital, Hyde Park Corner.

JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other—DOES NOT WASH OFF—is perfectly dry in twenty-four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One cwt. will cover 100 square yards. It will keep good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.

JOHNS and CO.'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind; it has no caustic qualities; may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleaned with a brush and water.

The merits of the PAINT are well known for its application to stucco work of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agent, PHILIP HARE, at the Warehouse, 22, Steed-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

**LIME WORKS, WOULDHAM,** near ROCHESTER.

THOS. FREEN and CO. beg to inform builders, contractors, and others, that they have purchased the LIME WORKS at WOULDHAM, on the MEDWAY, of Mr. J. W. LINDRIDGE, and are now prepared to supply GREY CHALK, and PLACE LIME upon very reasonable terms, either by the rates direct from their Works, or in small quantities from their Wharfs, viz., TUSCANY WHARF, REGENT'S CANAL, KINGSLAND-ROAD, London; QUEEN'S WHARF, Great Cambridge-street, HACKNEY-ROAD; KINGS WHARF, NEW WHARF ROAD, BATTLE BRIDGE.

**GREAVES'S BLUE LIAS LIME.**—The superior manner in which the above is ground renders it cheaper for concrete or stucco than any other lime or cement. The shell lime for mortar is burnt on an improved principle, leaving scarcely any core. The satisfaction constantly expressed by Engineers, Architects, and Contractors, of the above, is the best recommendation.

Gibbs, Canning, and Co.'s Blue Vitrified Bricks, Pipes, Junctions, Bends, and Fire Goods.

ROMAN, PORTLAND, PARIAN, ANSTON, and LIAS CEMENTS of the best quality.

SECONDS, PAVIOURS, STOCKS, and other Bricks.

CHARLES RICHARDSON, 5, South Wharf, Paddington.

**GREY-STONE LIME.—HALL, Brothers,** Merstham Lime Works, near Reigate, beg to offer to Builders and others a list of their prices for Cash on delivery.

| | | | |
|---|---|---|---|
| Grey-Stone Lime | 6s. 0d. per Yard, or 20 Bushels | | |
| Ditto, for Manure | 4s. 0d. | ditto | ditto |
| Ditto, Ashes | 1s. 8d. | ditto | ditto |
| Black ditto | 2s. 0d. | ditto | ditto |

In not less than Six Yard quantities, and put on the Railway for all goods stations on the London and Brighton, and South-Eastern Railways, or lines connected with them. A fresh supply hot from the kilns daily, at the Bricklayers' Arms and Croydon Stations, and delivered to all parts.

Prices for Cash on delivery—7s. per yard at the stations or works; 8s. per yard delivered within five miles; in not less than 5 yard quantities. Booking, 2s. per yard; 1s. per yard off, if paid monthly. Collecting charged for. The Quality is warranted to be the best.—Address, Merstham, near Reigate; Croydon; or Tooley-place, Old Kent-road.

**HEAL and SON'S EIDER DOWN** QUILTS are made in three varieties.—The Bordered Quilt, the Plain Quilt, and the Duvet. The Bordered Quilt is in the usual form of bed quilts, and is a most elegant and luxurious article. The Plain Quilt is smaller, and is useful as an extra covering on the bed, or as a wrapper in the carriage, or on the couch. The Duvet is a loose case filled with Eider Down, as in general use on the continent. Lists of prices and sizes sent free by post, on application to HEAL and SON'S Bedding Factory, 196 (opposite the Chapel), Tottenham Court-road.

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